

## Message Text

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TAGS: TGEN, US, UR

SUBJECT: US-USSR S&T AGREEMENT: METROLOGY (01.06)

REF: STATE 108934

1. PLEASE TRANSMIT FOLLOWING MCCOUBREY LETTER TO ISAYEV  
WITH COPY TO ISHCENKO.

2. 01.06 - JUNE 30, 1977

DR. BORIS M. ISAYEV  
DEPUTY CHAIRMAN  
USSR STATE COMMITTEE FOR STANDARDS  
9 LENINSKIY PROSPEKT  
117049 MOSCOW, USSR

DEAR DR. ISAYEV:

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THANK YOU FOR YOUR LETTER OF MAY 3, 1977, IN WHICH YOU  
PROVIDE ADDITIONAL COMMENTS ON OUR REPORT TO THE FIFTH  
MEETING OF THE US-USSR JOINT COMMISSION ON THE ACTIVITIES  
OF THE WORKING GROUP ON METROLOGY. I AM PLEASED TO INFORM  
YOU THAT WE AGREE ALMOST FULLY WITH THESE COMMENTS AND WILL  
INCORPORATE THEM BOTH IN OUR WORK PLAN AND IN THE

FINAL REPORT TO THE JOINT COMMISSION.

THE ONLY COMMENT I HAVE IS THAT IT IS TOO LATE TO SEND TWO US EXPERTS TO THE USSR IN THE SECOND QUARTER OF 1977 ON TOPIC 01.0607 AS YOU PROPOSE IN YOUR MAY 3 LETTER, WHICH WAS RECEIVED HERE ON JUNE 17. THIS DELAY FURTHER EMPHASIZES THE NEED TO USE THE TELEX CHANNEL BETWEEN OUR INSTITUTIONS FOR SUCH INVITATIONS, AS RECOMMENDED IN THE RECORD OF THE SECOND MEETING OF THE JOINT WORKING GROUP. I MIGHT ADD THAT THE LAST CORRESPONDENCE ON THIS TOPIC WAS A LETTER DATED APRIL 26, 1976, TO DR. OLEYNIK FROM DR. COHEN OF ROCKWELL INTERNATIONAL CORPORATION. IN THE ABSENCE OF A REPLY OR ADDITIONAL COMMUNICATION ON THIS TOPIC SINCE THAT TIME, I PROPOSE THAT THE VISIT OF THE US EXPERTS TO VNIIM TAKE PLACE IN THE SECOND QUARTER OF 1978, WHICH WILL ALLOW TIME FOR MORE ORDERLY PLANNING.

I WAS ALSO PLEASED TO RECEIVE FROM YOU THE NAMES OF THE SOVIET EXPERTS WHO WILL BE RESPONSIBLE FOR THE NEW COOPERATIVE PROJECTS THAT WE ADOPTED AT THE SECOND MEETING OF THE JOINT WORKING GROUP. I HOPE YOU WILL ENCOURAGE THESE SPECIALISTS TO ESTABLISH DIRECT CORRESPONDENCE WITH THEIR U.S. COUNTERPARTS, WHOSE NAMES I PROVIDED TO YOU IN MY LETTER OF DECEMBER 17, 1976. ACCORDING TO OUR WORK PLAN, THE FIRST STEP IN THESE NEW PROJECTS IS AN EXCHANGE OF INFORMATION THAT WILL PERMIT UNCLASSIFIED

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THE DEVELOPMENT OF SPECIFIC COOPERATIVE ACTIVITIES IN THESE AREAS. ON TOPIC 01.0612 (JOSEPHSON EFFECT), SUCH MATERIAL HAS ALREADY BEEN SENT TO DR. KRASNOV. ALSO, DR. TECH IS NOW PREPARING DOCUMENTS CONCERNING HIS CURRENT PROGRAMS IN THE FIELD OF RADIOMETRY (TOPIC 01.0610) AND WILL SEND THEM TO DR. RAMBIDI IN THE NEAR FUTURE. I HOPE THAT SIMILAR MATERIAL WILL BE RECEIVED SOON FROM THE SOVIET SIDE ON THESE TOPICS, SO THAT WE MAY BE ABLE TO DISCUSS CONCRETE NEW ACTIVITIES IN THESE AREAS DURING THE NEXT MEETING OF THE JOINT WORKING GROUP, NOW PROPOSED TO BE HELD DURING THE WEEK OF SEPTEMBER 19, 1977. I AM AWAITING TO HEAR FROM YOU ON THE ACCEPTABILITY OF THIS DATE.

I TAKE THIS OPPORTUNITY ALSO TO INFORM YOU THAT THE SOVIET TRANSFER STANDARD OF PRESSURE WAS RECEIVED AT NBS ON MARCH 10, 1977. IN A TELEGRAPHIC LETTER DATED APRIL 6, 1977, DR. HEYDEMANN INFORMED MR. KUKHAR THAT THE PRESSURE STANDARD WAS SET UP IN OUR LABORATORIES AND READY FOR THE JOINT TESTS. HE INVITED TWO SOVIET SPECIALISTS TO VISIT NBS ON MAY 16-20, IN ACCORDANCE WITH THE DATES PLANNED IN THE RECORD OF THE SEPTEMBER 1976 MEETING IN LENINGRAD

ON THIS TOPIC, BUT NO ANSWER HAS YET BEEN RECEIVED. IN

THE MEANTIME, DR. HEYDEMANN HAS COMPLETED THE INTER-COMPARISON OF THE USSR AND US STANDARDS OVER THE AGREED PRESSURE RANGE. I HOPE THAT THE SOVIET SCIENTISTS WILL BE ABLE TO VISIT NBS IN THE VERY NEAR FUTURE AND TO BRING WITH THEM THE SOVIET RESULTS FOR THIS STANDARD OVER THE RANGE 0.6 TO 4.0 MPA, SO THAT THE RESULTS CAN BE ANALYZED AND A FINAL JOINT REPORT PREPARED, TO COMPLETE THIS PROJECT.

I SHOULD LIKE TO SAY THAT I BELIEVE, AS YOU DO, THAT OUR COOPERATION IN THE FIELD OF METROLOGY SERVES TO FURTHER STRENGTHEN SCIENTIFIC AND TECHNICAL TIES BETWEEN OUR  
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COUNTRIES. I AM LOOKING FORWARD TO SEEING YOU AGAIN AT THE NEXT MEETING OF OUR WORKING GROUP AND AM CONFIDENT THAT OUR PROGRESS WILL CONTINUE.

SINCERELY,

ARTHUR O. MCCOUBREY  
DIRECTOR  
INSTITUTE FOR BASIC STANDARDS  
NATIONAL BUREAU OF STANDARDS

CC: MR. ISHCENKO

3. FYI: TECH INFORMS US THAT RECENT SOVIET VISITORS TO NBS HAVE CLARIFIED MATTER RAISED IN REFTL. V. V. SYCHEV, FORMER DIRECTOR OF VNIIMS, HAS BECOME NEW DIRECTOR OF THE ALL-UNION SCIENTIFIC AND TECHNICAL INFORMATION CENTER OF SCST (VNTITS). AS SUCH, HE IS ALSO A MEMBER OF THE SCST KOLLEGIUM MAKING IT A PROMOTION. HE WAS REPLACED AT VNIIMS BY PROF. N. G. RAMBIDI, WHO WAS BROUGHT WITH SYCHEV TO VNIIMS IN LATE 1974 FROM THE INSTITUTE FOR HIGH TEMPERATURES. END FYI. CHRISTOPHER

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